SEPB Advanced Training Program II

Environmental Management and Sustainable Development: focus on Air

Italy, September 10-24, 2005

Course Agenda

**Theme: Sustainable Development in Europe and Italy: Focus on Air**

**Site Visit** at IMET

**Lecture:** Environmental protection in the 21st century: challenges and perspectives (C. Baffioni, IMET)

**Lecture:** Recent developments of EU policy to reduce air pollution from vehicles. Directives and regulations (G. Gasparrini, IMET)

**Theme: Venice and Air Quality Control**

**Lecture:** The evolution of environmental issues in the Venice lagoon (J. Da Mosto, Collaborator of the Consortium for Managing Research Activities in the Venice Lagoon – CORILA, within the project Venice in Peril Fund/Cambridge University)

**Lecture:** Air quality control, Part I (F. Dalan, ARPAV – Regional Agency for Environmental Prevention and Protection of the Veneto Region)

**Lecture:** Air quality control, Part II (F. Dalan, ARPAV – Regional Agency for Environmental Prevention and Protection of the Veneto Region)

**Theme: Air Quality Control in practice: ITS**

**Site Visit** at Thetis Technological Centre

**Lecture:** Air quality control and sustainable mobility (M. Mazzon, Thetis Technological Centre)

**Lecture:** ITS projects (M. Mazzon, Thetis Technological Centre)

**Site Visit:** Control center of the Venice-Mestre Ring Road (M. Cecchetto, Società Autostrade Venezia-Padova)
**Theme: Land Reclamation and Energy Management**

*Site Visit* at VEGA – Venice Science and Technology Park

*Lecture:* Introduction to European and Italian policies of site reclamation management (P. Agostini, Researcher, Interdepartmental Centre IDEAS, University of Venice)

*Lecture:* Scientific and Technological Park of Venice “VEGA”: a case study of contaminated soil reclamation (G. Mattiello, Marketing manager, Science and Technology Park - VEGA)

*Lecture:* Policies for a sustainable urban energy system and air quality, Part I (L. Zingale, AGIRE – Venice Energy Agency)

*Lecture:* Policies for a sustainable urban energy system and air quality, Part II (L. Zingale, AGIRE – Venice Energy Agency)

**Theme: Waste Management and Energy**

*Site Visit* at the integrated waste treatment plant (VESTA, Multiservices of the Venice Municipality)

Introductory *lecture* to the site visit

*Site Visit* at Enel power station

**Theme: Air Quality and Health; the Venice Lagoon**

*Lecture:* Relationship between health and environment in EU policy and practices, Part I (M. Krzyzanowski, Unit Head, Health and Urban Environmental Quality, WHO)

*Lecture:* Relationship between health and environment in EU policy and practices, Part II (M. Krzyzanowski, Unit Head, Health and Urban Environmental Quality, WHO)

*Site Visit:* the Venice Lagoon (D. Pavan, Osservatorio della Laguna)

**Theme: Air Quality and Transport**

*Site Visit* at IVECO s.p.a. – Ecological motor vehicle (Monticelli, IVECO)
Theme: Sustainable Agriculture
Site Visit at AGROINNOVA - Centre of Competence for the Innovation in the Agro-environmental Sector (University of Turin)

Welcome by A. Garibaldi, President of Agroinnova and M.L. Gullino, Director of Agroinnova;

Lecture: The role of ecological agriculture in the Sustainable Development framework (D. Spadaro, Agroinnova)

Lecture: The role of Biotechnology for environmental protection (M. Pasquali, Agroinnova)

Site Visit at AGROINNOVA facilities (greenhouses, laboratories etc.)